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## Factors affecting the adoption and diffusion of XML and **Web services** standards for **E-business** systems

M Chen - International Journal of Human-Computer Studies, 2003 - Elsevier

... Since many development tools can automatically **generate** the necessary client-side and server ...
**Web services** have been used to wrap a **legacy system's** functions to support application to ... **Web services** have also been promoted as technology that could replace platform specific ...
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## [CITATION] Service-oriented computing: Concepts, characteristics and directions

MP Papazoglou - **Web Information Systems Engineering**, 2003. WISE ..., 2003Cited by 643 - [Related articles](#) - [All 15 versions](#)

## [BOOK] Modernizing **legacy systems**: Software technologies, engineering process and **business** practices

D Plakosh, GA Lewis - 2003 - portal.acm.org

... the project used as well as others available for modernization efforts -- Java/J2EE, **Web Services**, wrapper code ... In all, 'Modernizing **Legacy Systems**' is a readable, coherent, illuminating, and surprisingly broad treatment of a vital ... Sub-Categories: **Business** > Information **Systems** ...
Cited by 116 - [Related articles](#) - [Library Search](#) - [All 4 versions](#)

## [CITATION] How BPEL and SOA are changing **Web services** development

J Pasley - IEEE Internet Computing, 2005

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## [CITATION] Semantic **business** process management: A vision towards using semantic **web** services for **business** process management

M Hepp, F Leymann, J Domingue, A Wahler, D Fensel - ... Conference on e-**Business** ..., 2005Cited by 164 - [Related articles](#) - [All 18 versions](#)

## Don't go with the flow: **Web services** composition standards exposed

WMP Van der Aalst - IEEE intelligent **systems**, 2003 - doi.ieeecs.org
... Many applications will require a **Web** process created from composing several **Web services**. In the intermediate term, we can create enterprise-scale **Web** processes (or **service** compositions) by adopting workflow management technology. ...
Cited by 316 - [Related articles](#) - [All 21 versions](#)

## Design methodology for **web services** and **business** processes

M Papazoglou, J Yang - Technologies for E-**Services**, 2002 - Springer... component implementations for ser- vices may include database functionality or **legacy** softwarein ... Providers, who create **services** for free, would normally distribute their functionality with a simple ...Authorisation can usually take place for each operation within the **web service**. ...Cited by 92 - [Related articles](#) - [BL Direct](#) - [All 9 versions](#)

## [PDF] Analysis on **service** level agreement of **web services**

L Jin, V Machiraju, A Sahai - HP June, 2002 - Citeseer

... Businesses create **web services** by exposing specific **business** functions through Internet protocols

and standards. ... logic – how each operation is executed by invoking functionality on **legacy applications** ... When a **web service** is implemented by composing other **web services**, the ...  
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### [PDF] Enterprise **services**

P Fremantle, S Weerawarana, R Khalaf - Communications of the ACM, 2002 - vingus.com  
... Conclusion We have described an architecture that builds upon the **Web services** proposals in a standard and extensible way. ... the **services**-oriented vision offers many benefits to enterprises, and the creation of a class of enterprise **services** allows us to create services that ...  
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### [PDF] Putting the enterprise into the enterprise **system**

TK Davenport - Harvard **business review**, 1998 - yildiz.edu.tr  
... Combining all units' customer- **service** departments gave customers one contact point. CREATE COMPETITIVE ADVANTAGE WITH YOUR ENTERPRISE **SYSTEM**. ... Each of these so-called **legacy systems** may provide invaluable support for a particular **business** activity. ...  
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**[PDF] Architectures for web based applications**

W Zhao, D Kearney, G Gioiosa - Fourth Australasian Workshop on ..., 2002 - Citeseer

... whole application in a master-slave relationship with its server- side counterpart (which may be further tiered), which produces **services** to it ... of the first tier in the traditional application has been "pushed" back to the server side in the **web**-based version. Thus the **client tier** is "thin ...

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**[PDF] An object infrastructure for Internet middleware**

C McFall - IEEE Internet Computing, 1998 - cit.ujpe.br

... Relationships Security Time Trader Transactions Figure 3. CORBA provides a standard for interoperability that currently includes many **services** required by object applications in virtually every system environment. ... **Web server HTML docs CGI ... Client tier Middle tier Resource tier ...**

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**[CITATION] Future smart-organizations: a virtual tourism enterprise**

H Alsaarmanesh, LM Camarinha-Matos - Web Information Systems Engineering, ..., 2000

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**CQ: a personalized update monitoring toolkit**

L Liu, C Pu, W Tang, D Buttler, J Biggs, T ... - ACM SIGMOD ..., 1996 - portal.acm.org

... Comparing with the pure pull (such as DBMSs, various **web** search engines) and pure ... The **client tier** currently has four components: (1) The form manager that provides the CQ ... a confirmation on their registration; (3) The client and system administra- tion **services** which provide ...

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**[CITATION] Embedded Internet technology in process control devices**

JW Szymanski - 2000 IEEE International Workshop on Factory ..., 2000

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**[PDF] Reengineering to the Web: a reference architecture**

U Zdun - the proceedings of the Sixth European Conference on ..., 2002 - Citeseer

... When pages have to be generated dynamically, as it is required in most interactive **web** applications, the **Service** Abstraction Layer may serve for more purposes: it may be a Message Redirector [10] for indirecting symbolic ... **Service** Abstraction Layer **Client Tier** COM Adapter ...

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**Development of a web-based system for engineering change management**

GQ Huang, WY Yee, KL Mak - Robotics and Computer-Integrated ..., 2001 - Elsevier

... database. 3.2.4. ECM clients. The **client tier** includes a set of ECM clients. Strictly ... **web** server. In theory, there can be an unlimited number of ECM clients that are able to use the **services** provided by the ECM **web** server. For example ...

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**Active software replication through a three-tier approach**

R Baldoni, C Marchetti, A Termini - 2002 - computer.org

... Software replication is commonly implemented using two-tiers (2T) as clients (**client-tier**) directly interact with a set of replicas (end-tier). If the **service** is stateless (ie, a result to a request only depends on the current request message content), improving **service** availability ...

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## An industry foundation classes **Web**-based collaborative construction computer environment: WISPER

I Faraj, M Aishawi, G Aouad, T Child, J ... - Automation in ..., 2000 - Elsevier

... 3.3. **Web**/application servers. Using **Web** ... 4.1.2.1.3. T3: Develop a **web** based interface for the above. This will involve creating a **web** page containing the links needed to access the server application developed in task one. 4.1.2.1 ...

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## [PDF] WINK: a **Web**-based system for collaborative project management in virtual enterprises

S Bergamaschi, G Gelati, F Guerra, M Vincini - Proc. WISE, 2003 - dbgroup.ling.unimo.it

... In particular, the **client tier** supports operations such as alert firing, activity scheduling, and project planning structures, ..., providing a ... a multi-agent data integration component, which supports information sharing and querying, and SOAP enabled **web-services**, which ensure ...

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**[PDF] Service-oriented computing**

MP Papazoglou, D Georgakopoulos - Communications of the ACM, 2003 - infolab.uvt.nl

... **Service** aggregators may use the **Business** Process Execution Language for **Web Services** (BPEL4WS) to create new **Web services** by defining corresponding compositions of the interfaces and COMMUNICATIONS OF THE ACM October 2003/Vol. 46, No. 10 27 ...

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**[CITATION] Unraveling the Web services web: an introduction to SOAP, WSDL, and UDDI**

F Curbra, M Duffler, R Khalaf, W Nagy, N Mukhi, S ... - IEEE Internet computing, 2002

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**[PDF] Semi-automatic composition of web services using semantic descriptions**

E Sinn, J Hender, B Parsia - 2003 - Citeseer

... There are several different industry efforts to create a standards for **web** service ... provides a language for the formal specification of **business** processes and **business** interaction protocols. ... of WSDL to define a process that provides and consumes multiple **Web Service** interfaces ...

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**Web services and business process management**

F Leymann, D Roller, MT Schmidt - IBM systems Journal, 2002 - portal.acm.org

... The different activities in the flow model consume information and also **generate** information. ... to the Check Customer activity, which might use it to invoke a **Web service** that checks ... between activities together with the information provided by the initiator of the **business** process is ...

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**Composing web services on the semantic web**

B Medjahed, A Bouguettaya, AK Elmagarmid - The VLDB Journal, 2003 - Springer

... Automatic generation of composite **services**: We propose a technique to **generate** composite **service** descriptions while ... For each **Web service**, we also associate a purpose and category. The purpose describes the **business** functionalities offered by the **service** operations. ...

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**[CITATION] Business process execution language for web services, version 1.1**

T Andrews, F Curbra, H Dholakia, Y Goland, J Klein, F ... - International Business ..., 2003

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**[PDF] Web services orchestration and choreography**

C Peltz - Computer, 2003 - bbs.w3china.org

... Combining **Web services** to create higher level, cross-organizational **business** processes requires standards to model the interactions. Several standards are working their way through industry channels and into vendor products. Chris Peltz Hewlett-Packard Company Page 2. ...

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WMP Van der Aaist - IEEE intelligent systems, 2003 - doi.ieeeecs.org

... rather than create new ones. I thank Arthur ter Hofstede, Bartek Kiepuszewski, Marlon Dumas, and Petia Wohed for contributing to the results mentioned in this essay. References. [1A] F. Curbera, et al., **Business** Process Execution Language for **Web Services** (Version 1.0), IBM ...

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**[PDF] Web services conceptual architecture (WSCA 1.0)**

H Krieger ... - IBM Software Group, 2001 - csd.uoc.gr


... The WSDL document can be complemented by other **service** description documents to describe these higher level aspects of the **Web service**. For example, **business** context is described using UDDI data structures in addition to the WSDL document. ...

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**[CITATION] Semantic web services**

SA Molirathi, TCH Zeng - IEEE Intelligent Systems, 2001

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